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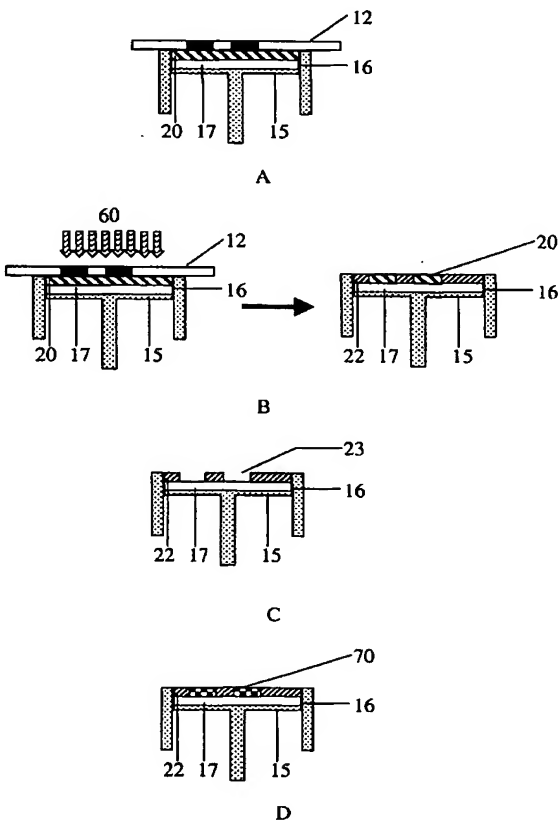
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(54) Title: **FABRICATION OF 3D PHOTOPOLYMERIC DEVICES**



(57) Abstract: The invention provides methods and apparatus for fabricating polymeric layers and devices composed of one or more polymeric layers. The methods of the invention use contact liquid photolithographic polymerization. The methods of the invention allow multiple types of photopolymerizable materials to be integrated within each layer and each device. An iniferter or iniferter precursor can be incorporated into one or more of the liquids to be polymerized, allowing covalent bonding of layers of different chemical composition.



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